

Title (en)
FEMALE CONNECTOR AND CONNECTOR ASSEMBLY

Title (de)
BUCHSE UND VERBINDERANORDNUNG

Title (fr)
CONNECTEUR FEMELLE ET ENSEMBLE CONNECTEUR

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Application
EP 21169484 A 20210420

Priority
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Abstract (en)
[origin: EP3904747A1] The present disclosure provides a female connector (102) for receiving a male connector. The female connector comprises a female connector housing (110), a support ring, a clip (220) and a clip blocking member (230). The clip blocking member is located outside the female connector housing, and has a pair of blocking faces which respectively face distal ends of the two clip legs of the clip. The male connector can be at least partially inserted into the internal space of a support ring located in a fluid channel of the female connector. When a groove of the male connector is aligned with a pair of housing openings and a pair of support ring openings, a pair of clip legs enter the groove of the male connector, and an operation portion of the clip can get into a travel end position. The pair of blocking faces are configured such that, when the groove of the male connector is not aligned with the pair of housing openings and the pair of support ring openings, and the pair of clip legs abut against the outer surface of the male connector, the pair of blocking faces can prevent the operation portion from getting into the travel end position by abutting against the distal ends of the pair of clip legs.

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